

COPY OF PAPERS
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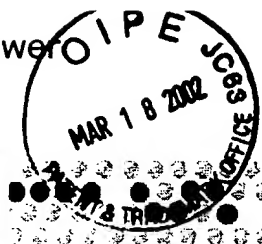
L3 ANNOTATED OF 1 DGENE COPYRIGHT 2001 DERWENT INFORMATION LTD
AN AAV58522 cDNA DGENE
TI Novel human prostate specific tumour protein and fragments - useful for
detecting and treating prostate cancers
IN Dillon D C; Xu J
PA (CORI-N) CORIXA CORP.
PI WO 9837418 A2 19980827 141p
AI WO 1998-US3690 19980225
PRAI US 1998-904809 19980209
US 1997-806596 19970225
US 1997-904809 19970801
PSL Claim 1; Page 56
DED 08 DEC 1998 (first entry)
DT Patent
LA English
OS 1998-480805 [41]
DESC Prostate tumour specific gene clone P20.
KW Prostate tumour specific gene; human; prostate cancer; detection;
therapy; ss.
ORGN Homo sapiens.
AB This sequence represents a human prostate tumour specific gene, and can
be used in the method of the invention. The method is for detecting
prostate cancer comprises contacting a biological sample with an agent
able to bind an immunogenic portion of a prostate protein (such as
encoded by this sequence). An antibody which binds to an immunogenic
portion of the prostate protein, and the method can be used to detect,
monitor progression of, or treat prostate cancers. The antibody may also
be conjugated to a therapeutic agent for use in therapy of prostate
cancers.
NA 43 A; 68 C; 68 G; 55 T; 0 other
SQL 234
SEQ
1 acaacagacc cttgctcgct aacgacctca tgctcatcaa gttggacgaa
51 tccgtgtccg agtctgacac catccggagc atcagcattg cttcgagtg
101 ccctaccgcg gggaactctt gcctcgtttc tggctggggg ctgctggcga
151 acggcagaat gcctaccgtg ctgcagtgcg tgaacgtgtc ggtggtgtct

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L4 ANSWER 1 OF 1 DGENE COPYRIGHT 2001 DERWENT INFORMATION LTD
 AN AAV61287 cDNA DGENE
 TI Polypeptides comprising immunogenic portions of prostate proteins - used
 in a vaccine for the treatment of prostate cancer
 IN Dillon D C; Xu J
 PA (CORI-N) CORIXA CORP.
 PI WO 9837093 A2 19980827 130p
 AI WO 1998-US3492 19980225
 PRAI US 1998-20956 19980209
 US 1997-806099 19970225
 US 1997-904804 19970801
 PSL Claim 12; Page 61
 DED 06 JAN 1999 (first entry)
 DT Patent
 LA English
 OS 1998-609886 [51]
 DESC cDNA sequence of prostate tumour clone P80.
 KW Prostate; cancer; tumour; vaccine; immunogen; clone; ss.
 ORGN Homo sapiens.
 AB The present sequence is a DNA which encodes an immunogenic portion of a
 prostate tumour protein. The encoded immunogen, or the DNA itself, can be
 used as a vaccine for the treatment of prostate cancer. The DNA was
 identified by analysis of a subtracted cDNA library obtained by
 subtracting a prostate tumour cDNA expression library with a normal
 tissue cDNA library.
 NA 86 A; 105 C; 94 G; 100 T; 0 other
 SQL 385
 SEQ
 1 actacacaca ctccacttgc ccttgtagaga cactttgtcc cagcacttta
 51 ggaatgctga ggtcggacca gccacatctc atgtgcaaga tgcccagca
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 201 cttttgagag agttctctc tgagacctga tctttagagg ctgggcagtc
 251 ttgcacatga gatggggctg gtctgatctc agcactcctt agtctgcttg
 301 cctctcccag ggccccagcc tggccacacc tgcttacagg gcactctcag
 351 atgcccatac catagtttct gtgctagtgg accgt

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History

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☐ Hide Brief and**1: GI = "4758960" [GenPept] kallikrein 4 (prostase, ena... PubMed, Related Sequ**

LOCUS NP_004908 254 aa PRI 18-MAR-2000
DEFINITION kallikrein 4 (prostase, enamel matrix, prostate) [Homo sapiens]
ACCESSION NP_004908
PID g4758960
VERSION NP_004908.1 GI:4758960
DBSOURCE REFSEQ: accession NM_004917.1
KEYWORDS .
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (residues 1 to 254)
AUTHORS Nelson PS, Gan L, Ferguson C, Moss P, Gelinas R, Hood L and Wang K.
TITLE Molecular cloning and characterization of prostase, an
androgen-regulated serine protease with prostate-restricted
expression
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 96 (6), 3114-3119 (1999)
MEDLINE 99179024
PUBMED 10077646

REFERENCE 2 (residues 1 to 254)
AUTHORS Stephenson SA, Verity K, Ashworth LK and Clements JA.
TITLE Localization of a new prostate-specific antigen-related serine
protease gene, KLK4, is evidence for an expanded human kallikrein
gene family cluster on chromosome 19q13.3-13.4
JOURNAL J. Biol. Chem. 274 (33), 23210-23214 (1999)
MEDLINE 99367447
PUBMED 10438493

REFERENCE 3 (residues 1 to 254)
AUTHORS Yousef GM, Obiezu CV, Luo LY, Black MH and Diamandis EP.
TITLE Prostase/KLK-L1 is a new member of the human kallikrein gene
family, is expressed in prostate and breast tissues, and is
hormonally regulated
JOURNAL Cancer Res. 59 (17), 4252-4256 (1999)
MEDLINE 99413477
PUBMED 10485467

REFERENCE 4 (residues 1 to 254)
AUTHORS DuPont BR, Hu CC, Reveles X and Simmer JP.
TITLE Assignment of serine protease 17 (PRSS17) to human chromosome bands
19q13.3-->q13.4 by in situ hybridization
JOURNAL Cytogenet. Cell Genet. 86 (3-4), 212-213 (1999)
MEDLINE 20044607
PUBMED 10575207

COMMENT REFSEQ: The reference sequence was derived from AF113141.1.
PROVISIONAL RefSeq: This is a provisional reference sequence record
that has not yet been subject to human review. The final curated
reference sequence record may be somewhat different from this one.
Method: conceptual translation.

FEATURES Location/Qualifiers
source 1..254

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CDS          prostate)"
              1..254
              /gene="KLK4"
              /coded_by="NM_004917.1:1..765"
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     121 kldevsesd tirsisiasq cptagnsclv sgwgllangr mptvlqcvnv svvseevcsk
     181 lydplyhpsm fcaggghdqk dscngdsggp licngylqgl vsfgkapcgq vgvpgvytnl
     241 ckftewiekt vqas
//
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